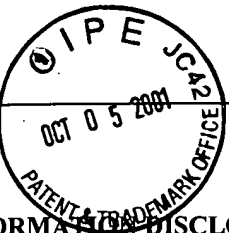


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FORM PTO-1449
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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
660088.434APPLICATION NO.
09/847,522

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

Bradford W. Gibson et al.

FILING DATE

May 1, 2001

GROUP ART UNIT

1642 1743

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AA						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
AB			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

MC	AC	/	Baynes, "Role of Oxidative Stress in Development of Complications in Diabetes," <i>Diabetes</i> 40(4):405-412, April 1991.
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	AE	/	Beavis and Chait, "High-Accuracy Molecular Mass Determination of Proteins Using Matrix-Assisted Laser Desorption Mass Spectrometry," <i>Analytical Chemistry</i> 62(17):1836-1840, September 1, 1990.
	AF	/	Beckman and Ames, "Endogenous Oxidative Damage of mtDNA," <i>Mutation Research</i> 424(1-2):51-58, March 8, 1999.
	AG	/	Beckman, "Oxidative Damage and Tyrosine Nitration from Peroxynitrite," <i>Chem. Res. Toxicol.</i> 9(5):836-844. 1996.
	AH	/	Berlett et al., "Carbon Dioxide Stimulates Peroxynitrite-Mediated Nitration of Tyrosine Residues and Inhibits Oxidation of Methionine Residues of Glutamine Synthetase: Both Modifications Mimic Effects of Adenylation," <i>P.N.A.S. USA</i> 95(6):2784-2789, March 17, 1998.
	AI	/	Biemann and Martin, "Mass Spectrometric Determination of the Amino Acid Sequence of Peptides and Proteins," <i>Mass Spectrometry Reviews</i> 6:1-76, 1987.
	AJ	/	Burlingame, "Mass Spectrometry," <i>Analytical Chemistry</i> 68(12):599R-651R,
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DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
BB			

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MC	BC	Courchesne and Patterson, "Identification of Proteins by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Using Peptide and Fragment Ion Masses," <i>Methods in Molecular Biology</i> 112:487-511, 1999.
	BD	Cramer et al., "Analysis of Phospho- and Glycopolypeptides with Infrared Matrix-Assisted Laser Desorption and Ionization," <i>Analytical Chemistry</i> 70:4939-4944, 1998.
	BE	Crowley et al., "Isotope Dilution Mass Spectrometric Quantification of 3-Nitrotyrosine in Proteins and Tissues is Facilitated by Reduction to 3-Aminotyrosine," <i>Analytical Biochemistry</i> 259(1):127-135, May 15, 1998.
	BF	Dancik et al., "De novo Peptide Sequencing via Tandem Mass Spectrometry," <i>J. Computational Biology</i> 6(3-4):327-342, 1999.
	BG	Gillece-Castro and Stults, "Peptide Characterization by Mass Spectrometry," <i>Methods in Enzymology</i> 271:427-448, 1996.
	BH	Giulivi and Davies, "Dityrosine: A Marker for Oxidatively Modified Proteins and Selective Proteolysis," <i>Methods in Enzymology</i> 233:363-371, 1994.
	BI	Greis et al., "Identification of Nitration Sites on Surfactant Protein A by Tandem Electrospray Mass Spectrometry," <i>Archives of Biochemistry and Biophysics</i> 335(2):396-402, November 15, 1996.
	BJ	Halliwell and Gutteridge, <i>Free Radicals in Biology and Medicine</i> , 3 rd ed, Clarendon Press, Oxford UK. 1989, pp. 95-104.
	BK	Halliwell and Gutteridge, <i>Free Radicals in Biology and Medicine</i> , 3 rd ed, Clarendon Press, Oxford UK. 1989, pp. 313-322.
MC	BL	Halliwell and Gutteridge, <i>Free Radicals in Biology and Medicine</i> , 3 rd ed, Clarendon Press, Oxford UK. 1989, pp. 351-380.

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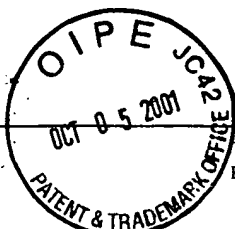
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DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
			YES	NO
CB				

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MC	CC	/	Halliwell and Gutteridge, <i>Free Radicals in Biology and Medicine</i> , 3 rd ed, Clarendon Press, Oxford UK. 1989, pp. 413-422.
	CD	/	Halliwell and Gutteridge, <i>Free Radicals in Biology and Medicine</i> , Clarendon Press, Oxford UK. 1989, Chapter 9, "Free Radicals, Other Reactive Species and Disease," pp. 617-783.
	CE	/	Herce-Pagliai et al., "Analytical Methods for 3-Nitrotyrosine as a Marker of Exposure to Reactive Nitrogen Species: A Review," <i>Nitric Oxide: Biology and Chemistry</i> 2(5):324-336, 1998.
	CF	/	Jensen et al., "Peptide Sequencing of 2-DE Gel-Isolated Proteins by Nanoelectrospray Tandem Mass Spectrometry," <i>Methods in Molecular Biology</i> 112:571-588. 1999.
	CG		Kehrer, "Free Radicals as Mediators of Tissue Injury and Disease," <i>Critical Reviews in Toxicology</i> 23(1):21-48, 1993.
	CH	/	MacMillan-Crow and Thompson, "Immunoprecipitation of Nitrotyrosine-Containing Proteins," <i>Methods in Enzymology</i> 301:135-145, 1999.
	CI		MacMillan-Crow et al., "Peroxynitrite-Mediated Inactivation of Manganese Superoxide Dismutase Involves Nitration and Oxidation of Critical Tyrosine Residues," <i>Biochemistry</i> 37(6):1613-1622, February 10, 1998
MC	CJ	/	Maruyama et al., "Identification of 3-Nitro-L-Tyrosine, a Product of Nitric Oxide and Superoxide, as an Indicator of Oxidative Stress in the Human Brain," <i>J. of Chromatography B: Biomedical Applications</i> 676(1):153-158, February 9, 1996.

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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Bradford W. Gibson et al.	
		FILING DATE May 1, 2001	GROUP ART UNIT 1642 1743

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				YES	NO
DB					

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MC	DC	/	Matsui et al., "Immobilized pH Gradient Two-Dimensional Gel Electrophoresis and Mass Spectrometric Identification of Cytokine-Regulated Proteins in ME-180 Cervical Carcinoma Cells," <i>Electrophoresis</i> 18:409-417, 1997.
	DD	/	Mecocci et al., "Oxidative Damage to Mitochondrial DNA Shows Marked Age-Dependent Increases in Human Brain," <i>Ann. Neurol.</i> 34(4):609-616. October, 1993.
	DE	/	Nelson et al., "Quantitative Determination of Proteins by Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry," <i>Analytic Chemistry</i> 66(9):1408-1415, May 1, 1994.
	DF	/	Nelson et al., "Mass Spectrometric Immunoassay," <i>Analytic Chemistry</i> 67(7):1153-1158, April 1, 1995.
	DG	/	Shevchenko et al., "Mass Spectrometric Sequencing of Proteins Silver-Stained Polyacrylamide Gels," <i>Analytic Chemistry</i> 68(5):850-858, March 1, 1996.
	DH		Shevchenko et al., "Peptide Sequencing by Mass Spectrometry for Homology Searches and Cloning of Genes," <i>J. Protein Chemistry</i> 16(5):481-490, July 1997.
	DI	/	Traverso et al., "Immunological Evidence for Increased Oxidative Stress in Diabetic Rats," <i>Diabetologia</i> 41(3):265-270, March 1998.
MC	DJ	/	Yamakura et al., "Inactivation of Human Manganese-Superoxide Dismutase by Peroxynitrite is Caused by Exclusive Nitration of Tyrosine 34 to 3-Nitrotyrosine," <i>J. Biological Chemistry</i> 273(23):14085-14089, June 5, 1998.

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